

**WHAT IS CLAIMED IS:**

- 1 ~~1. An electronic print-board apparatus comprising:~~  
2 a writing medium having a writing surface where image  
3 information is written on said writing surface,  
4 reading means for reading said image information,  
5 printing means for printing said image information read by said  
6 reading means onto a printing medium, and  
7 control means for controlling said reading performed by said  
8 reading means responsive to said printing means.
- 1 2. An electronic print-board apparatus of claim 1, wherein said  
2 control means controls driving of said reading means for synchronization  
3 with driving of said printing means.
- 1 3. An electronic print-board apparatus of claim 1, wherein said  
2 control means controls driving of said reading means by temporarily  
3 discontinuing the driving for synchronization with driving of said printing  
4 means.
- 1 4. An electronic print-board apparatus of claim 1, wherein said  
2 control means controls driving of said reading means by reducing a driving  
3 speed thereof for synchronization with driving of said printing means.
- 1 5. An electronic print-board apparatus of claim 1, wherein said  
2 printing means includes a plurality of plain paper sheets.

- 1 *Sub a 17* 6. An electronic print-board apparatus comprising:
- 2 reading means for reading an image information from a
- 3 predetermined position, said image information being written in a writing
- 4 medium having a writing surface;
- 5 printing means for printing the image information read by said
- 6 reading means onto a printing medium; and
- 7 control means for controlling driving of said printing means
- 8 according to driving of said reading means.

- 1 ~~7. An electronic print-board apparatus of claim 6, wherein said~~
- 2 ~~control means controls driving of said printing means for synchronization~~
- 3 ~~with driving of said reading means.~~

- 1 8. An electronic print-board apparatus of claim 6, wherein said
- 2 control means controls driving of said printing means by temporarily
- 3 discontinuing the driving for synchronization with driving of said reading
- 4 means.

- 1 9. An electronic print-board apparatus of claim 6, wherein said
- 2 control means controls driving of said printing means by reducing a driving
- 3 speed thereof for synchronization with driving of said reading means.

- 1 10. An electronic print-board apparatus of claim 6, wherein
- 2 said printing means includes a plurality of plain paper sheets.

- 1 *Sub a 27* 11. An electronic print-board apparatus comprising:
- 2 reading means for reading an image information from a

3 predetermined position, said image information being written in a writing  
4 medium having a writing surface;

5 printing means for printing the image information read by said  
6 reading means onto a printing medium; and

7 control means for controlling print starting time of said printing  
8 means for synchronization with reading starting time of said reading means.

1 ~~12. An electronic print-board apparatus of claim 11, wherein~~  
2 said control means controls the print starting time of said printing means in  
3 such manner that it is coincidental with the reading starting time of said  
4 reading means.

1 ~~Sub a37 13. An electronic print-board apparatus comprising:~~  
2 reading means for reading an image information from a  
3 predetermined position, said image information being written in a writing  
4 medium having a writing surface;  
5 printing means for printing the image information read by said  
6 reading means onto a printing medium; and  
7 control means for controlling reading starting time of said  
8 reading means for synchronization with print starting time of said printing  
9 means.

1 ~~14. An electronic print-board apparatus of claim 13, wherein~~  
2 said control means controls the reading starting time of said reading means in  
3 such manner that it is coincidental with the print starting time of said printing

4 means.

1 15. An electronic print-board apparatus comprising:  
2 a screen having a writing surface formed in the shape of a loop;  
3 a reading device for reading an image written in said writing  
4 surface by scanning it simultaneously when said screen is revolved; and  
5 a printing device for supplying of each paper sheet of a plurality  
6 of paper sheets, printing said image on said each paper sheet according to the  
7 image information read by said reading device, and discharging said each  
8 paper sheet which is printed thereon,  
9 wherein said printing device includes a transportation system  
10 for transporting said paper sheet to a printing section, and  
11 said transportation system includes transportation time  
12 adjustment means for said paper sheet for allowing a printing operation to be  
13 initiated in synchronization with initiation of reading operation of said image  
14 by said reading device.

1 16. An electronic print-board apparatus of claim 15,  
2 wherein said transportation system includes a paper tray for  
3 containing a stack of said plurality of paper sheets, and a feeding roller for  
4 picking up and sending out a paper sheet that forms an uppermost layer of  
5 said stack of the plurality of paper sheets, and  
6 said transportation time adjustment means includes a paper  
7 detecting sensor provided downstream of said printing section for detecting a

8 ~~position of a leading end of said paper sheet and a control system,~~  
9 in which said control system calculates time required for the paper sheet to  
10 reach said printing section from paper detection time detected by said paper  
11 detecting sensor, and pauses and reduces a speed of said feeding roller when  
12 time for initiating printing operation of said printing section is to be reached  
13 before the time for initiating reading operation of an image on said screen.

1 17. A printing method for printing written information that is  
2 written in a writing surface of an electronic blackboard to a plurality of  
3 printing sheets comprising the steps of:

4 (a) placing said plurality of printing sheets in a paper tray;

5 (b) moving at least one of reading means and said writing  
6 surface to an initial position for allowing said reading means to be faced  
7 against said writing surface;

8 (c) transporting a first printing sheet of said plurality of  
9 printing sheets from inside said paper tray to printing means;

10 (d) reading said written information by said reading means, and  
11 printing said written information onto said first printing sheet by said printing  
12 means according to the information from said reading means;

13 (e) transporting a second printing sheet of said plurality of  
14 printing sheets from inside said paper tray to said printing means after  
15 printing to said first printing sheet is completed, and

16 controlling at least one selected from the group consisting of  
17 said reading means, said printing means and a feeding means in such manner

18 ~~that reading starting time for said reading means to start reading next written~~  
19 ~~information and print starting time for said printing means to start printing to~~  
20 ~~said second printing sheet are coincidental with each other; and~~

21 (f) reading said written information by said reading means, and  
22 printing said written information onto said second printing sheet by said  
23 printing means according to the information from said reading means.

1 18. A printing method of claim 17, wherein said reading means  
2 is operated in synchronization with driving of said printing means.

1 19. A printing method of claim 17, wherein said reading means  
2 is operated in synchronization with driving of said printing means as the  
3 driving of reading means is temporarily discontinued.

1 20. A printing means of claim 17, wherein said reading means  
2 is operated in synchronization with driving of said printing means as an  
3 operating speed of said reading means is reduced.

1 21. A printing method of claim 17, wherein said printing  
2 means is operated in synchronization with driving of said reading means.

1 22. A printing method of claim 17, wherein said printing  
2 means is operated in synchronization with driving of said reading means as  
3 the driving of printing means is temporarily discontinued.

1 23. A printing method according to claim 17, wherein said  
2 printing means is operated in synchronization with driving of said reading  
3 means as an operating speed of said printing means is reduced.

